

FORM A: BID
(See B9)

1. Contract Title 2019 WATER MAIN RENEWALS CONTRACT 7

2. Bidder

Name of Bidder

Usual Business Name of Bidder as it appears on Invoice (if different from above)

Street

City

Province

Postal Code

Email Address of Bidder

Facsimile Number

(Mailing address if different)

Street or P.O. Box

City

Province

Postal Code

GST Registration Number (if applicable)

(Choose one)

The Bidder is:

a sole proprietor

a partnership

a corporation

carrying on business under the above name.

3. Contact Person

The Bidder hereby authorizes the following contact person to represent the Bidder for purposes of the Bid.

Contact Person

Title

Telephone Number

Facsimile Number

4. Definitions

All capitalized terms used in the Contract shall have the meanings ascribed to them in the General Conditions.

5. Offer The Bidder hereby offers to perform the Work in accordance with the Contract for the Total Bid Price, in Canadian funds, set out on Form B: Prices, appended hereto.
6. Bid Security In accordance with B14.1, the Bidder encloses bid security in the form of a bid bond (Form G1: Bid Bond and Agreement to Bond) and agrees that it shall be held by the City in accordance with the Contract.
7. Execution of Contract The Bidder agrees to execute and return the Contract no later than seven (7) Calendar Days after receipt of the Contract, in the manner specified in C4.
8. Commencement of the Work The Bidder agrees that no Work shall commence until he/she is in receipt of a letter of intent from the Award Authority authorizing the commencement of the Work.
9. Contract By submitting a bid in response to this Tender, the Bidder certifies that it has read, understands, and agrees to the terms and conditions of this Tender and that the Tender, in its entirety shall be deemed to be incorporated in and to form a part of this offer notwithstanding that not all parts thereof are necessarily attached to or accompany this Bid.

10. Addenda The Bidder certifies that the following addenda have been received and agrees that they shall be deemed to form a part of the Contract:

No.	_____	Dated	_____
	_____		_____
	_____		_____

11. Time This offer shall be open for acceptance, binding and irrevocable for a period of forty-five (45) Calendar Days following the Submission Deadline.

12. Indigenous Self-Declaration The City is requesting that Bidders identify if their business is at least 51% owned by one or more Indigenous persons of Canada.

- YES, 51% or more Indigenous ownership
- NO, it is not

This information is being gathered for statistical purposes only and will not be used for purposes of evaluation.

13. Signatures

The Bidder or the Bidder's authorized official or officials have signed this

_____ day of _____, 20_____.

Signature of Bidder or
Bidder's Authorized Official or Officials

(Print here name and official capacity of individual whose signature appears above)

(Print here name and official capacity of individual whose signature appears above)

FORM B(R1): PRICES
(SEE B10)

2019 WATERMAIN RENEWALS - CONTRACT NO. 7

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
A	McArthur Street					
A. 1	Water Main Renewal	CW 2110				
a)	300mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	5.0		
b)	150mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	55.0		
A. 2	Hydrant Assembly	CW 2110				
a)	SD-007		each	1		
A. 3	Water Main Valve	CW 2110				
a)	150mm		each	2		
b)	300mm		each	1		
A. 4	Fittings	CW 2110				
a)	Bends (SD-004)					
i)	150mm - 22 1/2°		each	2		
b)	Crosses					
i)	300mm X300mm X 150mm X 150mm		each	1		
A. 5	Corporation Stops	CW 2110				
a)	19mm		each	2		
A. 6	Connecting Existing Copper Water Services to New Water Mains	CW 2110 E10				
a)	19mm		each	2		
A. 7	Connecting to Existing Water Mains and Large Diameter Water Services	CW 2110				
a)	In-line connection - no plug existing					
i)	150mm		each	1		
b)	Perpendicular connection	E11				
i)	300mm		each	1		
A. 8	10.9 Kilogram Sacrificial Zinc Anodes	CW 2110				
a)	On Metallic Water Mains		each	1		
b)	On Water Services		each	2		
A. 9	Continuity Bonding	CW 2110	each	2		
A. 10	Partial Slab Patches	E5				
a)	200mm reinforced concrete pavement for early opening (24 hours)		m ²	30.0		
b)	150mm reinforced concrete pavement		m ²	10.0		

FORM B(R1): PRICES
(SEE B10)

2019 WATERMAIN RENEWALS - CONTRACT NO. 7

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
A. 11 a)	Miscellaneous Concrete Slab Renewal Sidewalk (SD-228A)	CW 3235 E6	m ²	10.0		
A. 12 a) b)	Concrete Curb Renewal Barrier curb (SD-204) Ramp curb	CW 3240 E7	m m	5.0 3.0		
A. 13	Construction of Asphaltic Concrete Patches Type 1A	CW 3410	m ²	30.0		
Subtotal Part A - McArthur Street						
B	Dewdney Avenue					
B. 1 a) i)	Water Main Renewal 150mm trenchless installation, Class B sand bedding, Class 3 backfill	CW 2110	m	150.0		
B. 2 a)	Hydrant Assembly SD-006	CW 2110	each	1		
B. 3 a)	Water Main Valve 150mm	CW 2110	each	1		
B. 4 a) i) b) i)	Fittings Tees 150mm X 150mm X 150mm Bends (SD-004) 150mm - 45°	CW 2110	each each	1 4		
B. 5 a) i)	Water Services 19mm trenchless installation, Class B sand bedding, Class 3 backfill	CW 2110	m	4.0		
B. 6 a)	Corporation Stops 19mm	CW 2110	each	4		
B. 7 a)	Curb Stops - Replace Existing 19mm	CW 2110	each	1		
B. 8 a)	Curb Stop Boxes - Replace Existing 19mm	CW 2110	each	1		
B. 9 a)	Connecting Existing Copper Water Services to New Water Mains 19mm	CW 2110 E10	each	4		
B. 10 a)	10.9 Kilogram Sacrificial Zinc Anodes On Water Services	CW 2110	each	2		

FORM B(R1): PRICES
(SEE B10)

2019 WATERMAIN RENEWALS - CONTRACT NO. 7

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
B. 11	Continuity Bonding	CW 2110	each	2		
B. 12	Partial Slab Patches	E5				
a)	150mm reinforced concrete pavement		m ²	100.0		
B. 13	Miscellaneous Concrete Slab Renewal	CW 3235				
a)	Sidewalk (SD-228A)	E6	m ²	15.0		
B. 14	Concrete Curb Renewal	CW 3240				
a)	Barrier curb (SD-204)	E7	m	35.0		
b)	Ramp curb		m	5.0		
B. 15	Construction of Asphaltic Concrete Patches Type 1A	CW 3410	m ²	60.0		
Subtotal Part B - Dewdney Avenue						
C	Boyle Street					
C. 1	Water Main Renewal	CW 2110				
a)	150mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	110.0		
C. 2	Hydrant Assembly	CW 2110				
a)	SD-006		each	2		
C. 3	Water Main Valve	CW 2110				
a)	150mm		each	2		
C. 4	Fittings	CW 2110				
a)	Bends (SD-004)					
i)	150mm - 45°		each	1		
C. 5	Water Services	CW 2110				
a)	19mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	10.0		
C. 6	Corporation Stops	CW 2110				
a)	19mm		each	7		
C. 7	Connecting Existing Copper Water Services to New Water Mains	CW 2110				
a)	19mm	E10	each	7		
C. 8	Connecting to Existing Water Mains and Large Diameter Water Services	CW 2110				
a)	Perpendicular connection					
i)	300mm		each	1		

FORM B(R1): PRICES
(SEE B10)

2019 WATERMAIN RENEWALS - CONTRACT NO. 7

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
C. 9 a)	10.9 Kilogram Sacrificial Zinc Anodes On Water Services	CW 2110	each	5.0		
C. 10	Continuity Bonding	CW 2110	each	2		
C. 11 a) b)	Partial Slab Patches 150mm reinforced concrete pavement 200mm reinforced concrete pavement for early opening (24 hours)	E5	m ²	55.0		
C. 12 a)	Miscellaneous Concrete Slab Renewal Sidewalk (SD-228A)	CW 3235 E6	m ²	10.0		
C. 13 a) b)	Concrete Curb Renewal Barrier curb (SD-204) Ramp curb	CW 3240 E7	m m	40.0 5.0		
C. 14	Construction of Asphaltic Concrete Patches Type 1A	CW 3410	m ²	10.0		
C. 15 a)	Catch Pit SD-023	CW 2130	each	1		
C. 16 a)	Remove and Replace Existing Catch Basin SD-024	CW 2130	each	1		
C. 17 a)	Drainage Connection Pipe 250mm	CW 2130	m	2.0		
Subtotal Part C - Boyle Street						
<u>D</u>	Grace Street					
D. 1 a) i) ii) b) i) ii)	Water Main Renewal 150mm trenchless installation, Class B sand bedding, Class 3 backfill trenchless installation, Class B sand bedding, Class 5 backfill 200mm trenchless installation, Class B sand bedding, Class 3 backfill trenchless installation, Class B sand bedding, Class 5 backfill	CW 2110	m m m m	160.0 5.0 10.0 5.0		

FORM B(R1): PRICES
(SEE B10)

2019 WATERMAIN RENEWALS - CONTRACT NO. 7

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
D. 2	Hydrant Assembly	CW 2110				
a)	SD-006		each	2		
D. 3	Water Main Valve	CW 2110				
a)	150mm		each	3		
b)	200mm		each	2		
D. 4	Fittings	CW 2110				
a)	Tees					
i)	200mm X 200mm X 150mm		each	1		
ii)	200mm X 200mm X 200mm		each	1		
b)	Bends (SD-004)					
i)	150mm - 45°		each	2		
ii)	200mm - 45°		each	3		
c)	Reducers					
i)	200mm x 150mm		each	2		
D. 5	Water Services	CW 2110				
a)	19mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	45.0		
D. 6	Corporation Stops	CW 2110				
a)	19mm		each	13		
D. 7	Curb Stops - Replace Existing	CW 2110				
a)	19mm		each	7		
D. 8	Curb Stop Boxes - Replace Existing	CW 2110				
a)	19mm		each	7		
D. 9	Connecting Existing Copper Water Services to New Water Mains	CW 2110 E10				
a)	19mm		each	13		
D. 10	Connecting to Existing Water Mains and Large Diameter Water Services	CW 2110				
a)	In-line connection - no plug existing					
i)	150mm		each	2		
D. 11	10.9 Kilogram Sacrificial Zinc Anodes	CW 2110				
a)	On Metallic Water Mains		each	2		
b)	On Water Services		each	6		
D. 12	Continuity Bonding	CW 2110	each	10		
D. 13	Partial Slab Patches	E5				
a)	150mm reinforced concrete pavement		m ²	105.0		

FORM B(R1): PRICES
(SEE B10)

2019 WATERMAIN RENEWALS - CONTRACT NO. 7

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
D. 14	Miscellaneous Concrete Slab Renewal	CW 3235				
a)	Sidewalk (SD-228A)	E6	m ²	55.0		
D. 15	Concrete Curb Renewal	CW 3240				
a)	Barrier curb (SD-204)	E7	m	65.0		
b)	Ramp curb		m	5.0		
D. 16	Construction of Asphaltic Concrete Patches Type 1A	CW 3410	m ²	105.0		
D. 17	Catch Pit	CW 2130				
a)	SD-023		each	1		
D. 18	Remove and Replace Existing Catch Basin	CW 2130				
a)	SD-024		each	1		
D. 19	Drainage Connection Pipe	CW 2130				
a)	250mm		m	2.0		
Subtotal Part D - Grace Street						
E	Point Douglas Avenue					
E. 1	Water Main Renewal	CW 2110				
a)	300mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	5.0		
b)	200mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	70.0		
E. 2	Hydrant Assembly	CW 2110				
a)	SD-006		each	1		
E. 3	Water Main Valve	CW 2110				
a)	300mm		each	1		
b)	200mm		each	1		
E. 4	Fittings	CW 2110				
a)	Bends (SD-004)					
i)	200mm - 45°		each	1		
b)	Tees					
i)	300mm X 300mm X 200mm		each	1		
E. 5	Connecting to Existing Water Mains and Large Diameter Water Services	CW 2110				
a)	Perpendicular connection					
i)	300mm		each	1		

FORM B(R1): PRICES
(SEE B10)

2019 WATERMAIN RENEWALS - CONTRACT NO. 7

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
E. 6	Partial Slab Patches	E5				
a)	150mm reinforced concrete pavement		m ²	15.0		
b)	200mm reinforced concrete pavement for early opening (24 hours)		m ²	10.0		
E. 7	Miscellaneous Concrete Slab Renewal	CW 3235				
a)	Sidewalk (SD-228A)	E6	m ²	5.0		
E. 8	Concrete Curb Renewal	CW 3240				
a)	Barrier curb (SD-204)	E7	m	10.0		
b)	Ramp curb		m	5.0		
E. 9	Construction of Asphaltic Concrete Patches Type 1A	CW 3410	m ²	25.0		
E. 10	Removal of Existing Railway and Wooden Ties	E15	LS	1		
Subtotal Part E - Point Douglas Avenue						
<u>E</u>	Higgins Avenue					
F. 1	New Hydrant Assembly on Existing Water Main	CW 2110				
a)	SD-006		each	1		
F. 2	Water Services	CW 2110				
a)	19mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	25.0		
b)	25mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	20.0		
F. 3	Corporation Stops	CW 2110				
a)	19mm		each	6		
b)	25mm		each	1		
F. 4	Curb Stops - Replace Existing	CW 2110				
a)	19mm		each	6		
b)	25mm		each	1		
F. 5	Curb Stop Boxes - Replace Existing	CW 2110				
a)	19mm		each	6		
b)	25mm		each	1		
F. 6	Connecting Existing Copper Water Services to New Water Mains	CW 2110				
		E10				
a)	19mm		each	6		
b)	25mm		each	1		

FORM B(R1): PRICES
(SEE B10)

2019 WATERMAIN RENEWALS - CONTRACT NO. 7

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
F. 7	Water Main Valve	CW 2110				
a)	150mm		each	1		
F. 8	Fittings	CW 2110				
a)	Tees					
i)	300mm x 300mm x 150 mm		each	1		
b)	Bends (SD-004)					
i)	150mm - 45°		each	1		
ii)	300mm - 45°		each	2		
iii)	300mm - 90°		each	1		
c)	Reducers					
i)	300mm - 200mm		each	1		
F. 9	Connecting to Existing Water Mains and Large Diameter Water Services					
a)	Perpendicular connection					
i)	300mm (#9 Higgins Service)	CW 2110	each	1		
b)	In-line connection - no plug existing					
i)	150mm (#9 Higgins Service)	CW2110	each	1		
c)	Perpendicular connection					
i)	300mm, Including removal of existing tee at Mordaunt and Higgins	E11	each	1		
ii)	300mm and 200mm, Including removal of existing tee at Sutherland and Higgins	E11	each	1		
F. 10	10.9 Kilogram Sacrificial Zinc Anodes	CW 2110				
a)	On Water Services		each	10		
b)	On Metallic Water Mains		each	1		
F. 11	Partial Slab Patches	E5				
a)	200mm reinforced concrete pavement for early opening (24 hours)		m ²	15.0		
F. 12	Miscellaneous Concrete Slab Renewal	CW 3235				
a)	Sidewalk (SD-228A)	E6	m ²	110.0		
F. 13	Concrete Curb Renewal	CW 3240				
a)	Barrier curb (SD-204)	E7	m	15.0		
b)	Ramp curb		m	5.0		
F. 14	Construction of Asphaltic Concrete Patches Type 1A	CW 3410				
			m ²	15.0		
Subtotal Part F - Higgins Avenue						

FORM B(R1): PRICES
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2019 WATERMAIN RENEWALS - CONTRACT NO. 7

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
<u>G</u>	Roch Street					
G. 1	Water Main Renewal	CW 2110				
a)	250mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	45.0		
ii)	trenchless installation, Class B sand bedding, Class 5 backfill		m	115.0		
G. 2	Water Main Valve	CW 2110				
a)	250mm		each	2		
G. 3	Connecting to Existing Water Mains and Large Diameter Water Services	CW 2110				
a)	Inline connection - plug existing					
i)	250mm		each	2		
G. 4	Partial Slab Patches	E5				
a)	150mm reinforced concrete pavement		m ²	40.0		
G. 5	Miscellaneous Concrete Slab Renewal	CW 3235				
a)	Sidewalk (SD-228A)	E6	m ²	10.0		
G. 6	Concrete Curb Renewal	CW 3240				
a)	Barrier curb (SD-204)	E7	m	10.0		
G. 7	Construction of Asphaltic Concrete Patches Type 1A	CW 3410	m ²	40.0		
Subtotal Part G - Roch Street						
<u>H</u>	Bowman Avenue					
H. 1	Water Main Renewal	CW 2110				
a)	150mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	210.0		
H. 2	Hydrant Assembly	CW 2110				
a)	SD-007		each	3		
H. 3	Water Main Valve	CW 2110				
a)	150mm		each	4		
H. 4	Fittings	CW 2110				
a)	Bends (SD-004)					
i)	150mm - 45°		each	4		
b)	Crosses					
i)	250mm X250mm X 150mm X 150mm		each	1		

FORM B(R1): PRICES
(SEE B10)

2019 WATERMAIN RENEWALS - CONTRACT NO. 7

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
H. 5	Water Services	CW 2110				
a)	19mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	110.0		
H. 6	Corporation Stops	CW 2110				
a)	19mm		each	31		
H. 7	Curb Stops - Replace Existing	CW 2110				
a)	19mm		each	13		
H. 8	Curb Stop Boxes - Replace Existing	CW 2110				
a)	19mm		each	13		
H. 9	Connecting Existing Copper Water Services to New Water Mains	CW 2110 E10				
a)	19mm		each	31		
H. 10	Connecting to Existing Water Mains and Large Diameter Water Services	CW 2110				
a)	In-line connection - no plug existing					
i)	150mm		each	2		
H. 11	10.9 Kilogram Sacrificial Zinc Anodes	CW 2110				
a)	On Metallic Water Mains		each	2.0		
b)	On Water Services		each	28.0		
H. 12	Continuity Bonding	CW 2110	each	10		
H. 13	Partial Slab Patches	E5				
a)	150mm reinforced concrete pavement		m ²	50.0		
H. 14	Miscellaneous Concrete Slab Renewal	CW 3235				
a)	Sidewalk (SD-228A)	E6	m ²	80.0		
H. 15	Concrete Curb Renewal	CW 3240				
a)	Barrier curb (SD-204)	E7	m	40.0		
H. 16	Construction of Asphaltic Concrete Patches Type 1A	CW 3410	m ²	50.0		
Subtotal Part H - Bowman Avenue						

FORM B(R1): PRICES
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2019 WATERMAIN RENEWALS - CONTRACT NO. 7

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
I	Union Avenue					
I. 1	Water Main Renewal	CW 2110				
a)	200mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	205.0		
b)	150mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	30.0		
I. 2	Hydrant Assembly	CW 2110				
a)	SD-006		each	3		
I. 3	Water Main Valve	CW 2110				
a)	200mm		each	2		
b)	150mm		each	5		
I. 4	Fittings	CW 2110				
a)	Tees					
i)	200mm X 200mm X 150mm		each	5		
b)	Bends (SD-004)					
i)	150mm - 45°		each	9		
ii)	200mm - 22 1/2°		each	3		
c)	Reducers					
i)	200mm - 150mm		each	1		
I. 5	Corporation Stops	CW 2110				
a)	19mm		each	10		
b)	38mm		each	1		
c)	50mm		each	1		
I. 6	Connecting Existing Copper Water Services to New Water Mains	CW 2110 E10				
a)	19mm		each	10		
b)	38mm		each	1		
c)	50mm		each	1		
I. 7	Connecting to Existing Water Mains and Large Diameter Water Services	CW 2110 E11				
a)	In-line connection - no plug existing					
i)	150mm		each	7		
I. 8	10.9 Kilogram Sacrificial Zinc Anodes	CW 2110				
a)	On Metallic Water Mains		each	5.0		
b)	On Water Services		each	10.0		
I. 9	Continuity Bonding	CW 2110	each	2		

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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
I. 10	Partial Slab Patches	E5				
a)	150mm reinforced concrete pavement		m ²	80.0		
b)	200mm reinforced concrete pavement for early opening (24 hours)		m ²	15.0		
I. 11	Miscellaneous Concrete Slab Renewal	CW 3235				
a)	Sidewalk (SD-228A)	E6	m ²	20.0		
I. 12	Concrete Curb Renewal	CW 3240				
a)	Barrier curb (SD-204)	E7	m	55.0		
b)	Ramp curb		m	5.0		
I. 13	Construction of Asphaltic Concrete Patches Type 1A	CW 3410	m ²	80.0		
Subtotal Part I - Union Avenue						
J	Right of Way: Union to Harbison					
J. 1	Water Main Renewal	CW 2110				
a)	250mm					
i)	trenchless installation, Class B sand bedding, Class 5 backfill		m	5.0		
b)	200mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	10.0		
ii)	trenchless installation, Class B sand bedding, Class 5 backfill		m	70.0		
c)	150mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	45.0		
ii)	trenchless installation, Class B sand bedding, Class 5 backfill		m	70.0		
J. 2	Water Main Valve	CW 2110				
a)	250mm		each	1		
b)	200mm		each	1		
c)	150mm		each	1		
J. 3	Fittings	CW 2110				
a)	Tees					
i)	250mm x 250mm x 200 mm		each	1		
b)	Bends (SD-004)					
i)	150mm - 45°		each	3		
ii)	200mm - 45°		each	1		
c)	Reducers					
i)	250mm - 150mm		each	1		

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UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
J. 4	Water Services	CW 2110				
a)	19mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	2.0		
J. 5	Corporation Stops	CW 2110				
a)	19mm		each	1		
J. 6	Connecting Existing Copper Water Services to New Water Mains	CW 2110 E10				
a)	19mm		each	1		
J. 7	Connecting to Existing Water Mains and Large Diameter Water Services	CW 2110				
a)	In-line connection - no plug existing					
i)	150mm		each	1		
ii)	250mm		each	1		
b)	Perpendicular connection					
i)	250mm		each	1		
J. 8	10.9 Kilogram Sacrificial Zinc Anodes	CW 2110				
a)	On Metallic Water Mains		each	1.0		
b)	On Water Services		each	1.0		
J. 9	Construction of Asphaltic Concrete Patches Type 1A	CW 3410				
			m ²	10.0		
Subtotal Part J - Right of Way: Union to Harbison						
<u>K</u>	Gateway Road					
K. 1	Water Main Renewal	CW 2110				
a)	250mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	5.0		
b)	200mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	85.0		
c)	150mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	5.0		
K. 2	Hydrant Assembly	CW 2110				
a)	SD-007		each	1		
K. 3	Water Main Valve	CW 2110				
a)	200mm		each	2		

FORM B(R1): PRICES
(SEE B10)

2019 WATERMAIN RENEWALS - CONTRACT NO. 7

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
K. 4	Fittings	CW 2110				
a)	Tees					
i)	200mm X 200mm X 200mm		each	1		
b)	Bends (SD-004)					
i)	150mm - 45°		each	2		
ii)	200mm - 11 1/4°		each	2		
iii)	200mm - 45°		each	2		
c)	Reducers					
i)	200mm - 150mm		each	2		
ii)	250mm - 200mm		each	1		
K. 5	Connecting to Existing Water Mains and Large Diameter Water Services	CW 2110				
a)	In-line connection - no plug existing					
i)	200mm		each	1		
ii)	250mm		each	1		
b)	Perpendicular connection					
i)	200mm		each	1		
c)	Perpendicular connection					
i)	200mm and 150mm, Including removal of existing tee at Gateway and Harbison	E11	each	1		
K. 6	10.9 Kilogram Sacrificial Zinc Anodes	CW 2110				
a)	On Metallic Water Mains		each	1.0		
K. 7	Partial Slab Patches	E5				
a)	150mm reinforced concrete pavement		m ²	30.0		
b)	200mm reinforced concrete pavement for early opening (24 hours)		m ²	25.0		
K. 8	Miscellaneous Concrete Slab Renewal	CW 3235				
a)	Sidewalk (SD-228A)	E6	m ²	15.0		
K. 9	Concrete Curb Renewal	CW 3240				
a)	Barrier curb (SD-204)	E7	m	15.0		
b)	Ramp curb		m	6.0		
K. 10	Construction of Asphaltic Concrete Patches Type 1A	CW 3410				
			m ²	55.0		
Subtotal Part K - Gateway Road						

FORM B(R1): PRICES
(SEE B10)

2019 WATERMAIN RENEWALS - CONTRACT NO. 7

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
L	Washington Avenue					
L. 1	Water Main Renewal	CW 2110				
a)	200mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	40.0		
ii)	trenchless installation, Class B sand bedding, Class 5 backfill		m	40.0		
b)	400mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	3.0		
L. 2	Hydrant Assembly	CW 2110				
a)	SD-007		each	1		
L. 3	Water Main Valve	CW 2110				
a)	200mm		each	3		
L. 4	Fittings	CW 2110				
a)	Bends (SD-004)					
i)	200mm - 11 1/4°		each	1		
ii)	200mm - 45°		each	2		
b)	Crosses					
i)	400mm X 400mm X 200mm X 200mm		each	1		
L. 5	Connecting to Existing Water Mains and Large Diameter Water Services	CW 2110				
a)	In-line connection - no plug existing					
i)	200mm		each	1		
b)	Perpendicular connection					
i)	200mm, Including removal of existing tee north of Gateway and Dallenlea	E11	each	1		
ii)	400mm	E11	each	1		
L. 6	10.9 Kilogram Sacrificial Zinc Anodes	CW 2110				
a)	On Metallic Water Mains		each	1.0		
L. 7	Partial Slab Patches	E5				
a)	150mm reinforced concrete pavement		m ²	10.0		
L. 8	Concrete Curb Renewal	CW 3240				
a)	Barrier curb (SD-204)	E7	m	5.0		
L. 9	Construction of Asphaltic Concrete Patches Type 1A	CW 3410				
			m ²	10.0		
Subtotal Part L - Washington Avenue						

FORM B(R1): PRICES
(SEE B10)

2019 WATERMAIN RENEWALS - CONTRACT NO. 7

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
M	Provisional Items					
M. 1	Cement-Stabilized Backfill Material	CW 2030	m ³	60.0		
M. 2	Temporary Surface Restorations:	E9				
a)	Roadway		m ²	40.0		
M. 3	Adjustment of Precast Sidewalk Blocks	CW 3235	m ²	20.0		
M. 4	Sodding	CW 3510	m ²	100.0		
M. 5	Surfacing Material	CW 3150				
a)	Limestone		tonne	5.0		
M. 6	Fittings	CW 2110				
a)	Bends (SD-005)					
i)	150mm - 45°		each	2		
ii)	200mm - 45°		each	2		
iii)	250mm - 45°		each	2		
M. 7	Water Services	CW 2110				
a)	25mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	10.0		
b)	38mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	10.0		
c)	50mm					
i)	trenchless installation, Class B sand bedding, Class 3 backfill		m	10.0		
M. 8	Corporation Stops	CW 2110				
a)	25mm		each	1		
b)	38mm		each	2		
c)	50mm		each	1		
M. 9	Curb Stops - Replace Existing	CW 2110				
a)	25mm		each	1		
b)	38mm		each	2		
c)	50mm		each	1		
M. 10	Curb Stop Boxes - Replace Existing	CW 2110				
a)	25mm		each	1		
b)	38mm		each	2		
c)	50mm		each	1		

FORM B(R1): PRICES
(SEE B10)

2019 WATERMAIN RENEWALS - CONTRACT NO. 7

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
M. 11	Connecting Existing Copper Water Services to New Water Mains	CW 2110 E10				
a)	25mm		each	1		
b)	38mm		each	2		
c)	50mm		each	1		
M. 12	Abandoning Curb Boxes	E12	each	10		
M. 13	Maintaining Curb Stop Excavations	CW 2110	each / day	100		
M. 14	Water Main and Water Service Insulation	CW 2110				
a)	In a trench (SD - 018)					
i)	75mm thick		m	10		
M. 15	Watermains Installed with Oil and Gas Resistant Gaskets - Surcharge	E16	lin m	45		
M. 16	Disposal of Hydrocarbon Contaminated Soil	E17	m ³	60		
M. 17	Regrading of Existing Sewer Service - Up to 1.5 metres Long	CW 2110				
a)	100mm		each	5		
b)	150mm		each	5		
c)	200mm		each	5		
d)	250mm		each	5		
Subtotal Part M - Provisional Items						
TOTAL BID PRICE (GST extra) (in numbers) \$ _____						

Name of Bidder

FORM G1: BID BOND AND AGREEMENT TO BOND

(Page 1 of 2)
(See B14)

BID BOND

KNOW ALL MEN BY THESE PRESENTS THAT

_____ (hereinafter called the "Principal") and

_____ (hereinafter called the "Surety"), are held and firmly bound unto **THE CITY OF WINNIPEG** (hereinafter called the "Obligee") in the sum of ten percent (10%) of the Total Bid Price set out in the Bid hereinafter described, for the payment of which sum the Principal and Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS the Principal has submitted a Bid to the Obligee for

TENDER NO. 377-2019

2019 WATER MAIN RENEWALS CONTRACT 7

as more fully set out in the Tender.

NOW THEREFORE the condition of this obligation is such that if the Bid of the Principal is not accepted, or if said Bid is accepted and the Principal, in accordance with the terms of the Bid, enters into a Contract with the said Obligee and furnishes the required performance and labour and material payment bonds, this obligation shall be void, but otherwise shall remain in full force and effect.

IN WITNESS WHEREOF the Principal and Surety have signed and sealed this bond the

_____ day of _____, 20_____.

SIGNED AND SEALED
in the presence of:

(Witness as to Principal if no seal)

(Name of Principal)

Per: _____ (Seal)

Per: _____

(Name of Surety)

By: _____ (Seal)
(Attorney-in-Fact)

FORM G1: BID BOND AND AGREEMENT TO BOND

(Page 2 of 2)
(See B14)

AGREEMENT TO BOND

(to be attached to and to form part of Bid Bond)

The Surety on the attached Bid Bond hereby undertakes and agrees with **THE CITY OF WINNIPEG** to become bound as Surety for the Principal,

_____ of
(Name of Bidder)

(Place)

the Bidder to you on _____, 20____ for

TENDER NO. 377-2019

2019 WATER MAIN RENEWALS CONTRACT 7

The Surety agrees to issue for the Principal:

1. a Performance Bond in an amount equal to fifty percent (50%) of the Contract Price for the due and proper performance of the Work shown and described in the Tender; and
2. a Labour and Material Payment Bond in an amount equal to fifty percent (50%) of the Contract Price for the payment for all labour, service and material used or reasonably required for use in the performance of the Work shown and described in the Tender;

If our Principal's Bid is accepted by you, such Performance Bond and Labour and Material Payment Bond (the Bonds) to be maintained and continue in full force and effect until the expiration of the warranty period. The Bonds shall be in the form specified in the Tender.

It is a condition that this Agreement to Bond shall become null and void if the Bonds mentioned above are not required from our Principal within forty-five (45) Calendar Days following the Submission Deadline.

AND IT IS HEREBY DECLARED AND AGREED that the Surety shall be liable as Principal, and that nothing of any kind or matter whatsoever that will not discharge the Principal shall operate as a discharge or release of liability of the Surety, any law or usage relating to the liability of Sureties to the contrary notwithstanding.

SIGNED AND SEALED this _____ day of _____, 20_____ .

(Name of Surety)

By: _____ (Seal)
(Attorney-in-Fact)